

CIMMYT at a glance

Mission

Maize and wheat science for improved livelihoods

Vision

CIMMYT contributes to the development of a world with healthier and more prosperous people – free from the threat of global food crises – and with more resilient agri-food systems.

HOW DO WE CONDUCT OUR WORK?

CIMMYT links scientific excellence, impact through partnerships and capacity building. "One CIMMYT" integrates these domains.

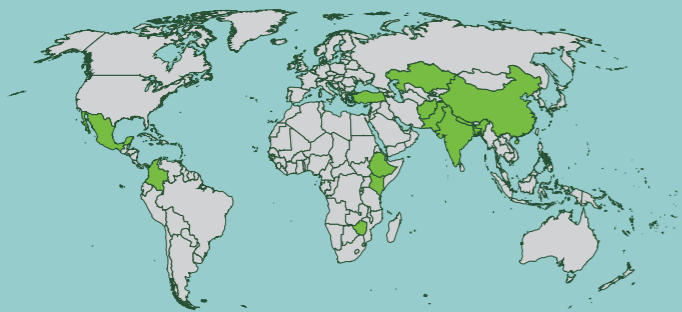


CIMMYT transforms research into large-scale farm-level impacts through strong, long-established partnerships.

Countries with offices:

Afghanistan
Bangladesh
China
Colombia
Ethiopia
India
Kazakhstan
Kenya
Mexico
Nepal
Pakistan
Turkey
Zimbabwe

CIMMYT around the world



a. Norman E. Borlaug

b. Sanjaya Rajaram

c. Evangelina Villegas

d. Surinder K. Vasal

CIMMYT scientists have received:

- 1 Nobel Peace Prize (1970) (a.)
- 2 World Food Prizes (2000, 2015) (b.) (c.) (d.)

Our history

- 1956** Mexico becomes self-sufficient in wheat thanks to new high-yielding, disease-resistant varieties
- 1960s** Wheat brought from Mexico helps save millions from famine in South Asia
- 1970s** Regional economics programs launched
- 1980s** Quality protein maize developed (e.)
- 1986** CIMMYT's wheat and maize collection is consolidated into a world-class genetic resources center (f.)
- 1990s** Research into conservation agriculture and drought-tolerant maize



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e. Quality protein maize



f. Wellhausen–Anderson Genetic Resources Center



Maize and Wheat Science for Improved Livelihoods



Cutting-edge innovation for developing world farmers

Seed for a changing world

CIMMYT preserves the largest collection of maize and wheat in the world: **28,000** unique kinds of maize and **150,000** of wheat. Seed from this collection is made freely available to any researcher able to put it to good use.

Through CIMMYT's global breeding system and partner network, this genetic diversity is used to develop more productive and nutritious varieties of maize and wheat that can resist climate stress and disease.



50% OF MAIZE AND WHEAT grown in the developing world IS BASED ON CIMMYT VARIETIES

Shared advances

CIMMYT has world-class research facilities around the world, and pioneers the adoption of new breeding technologies and data tools with public and private partners.

In this way, farmers in the developing world have access to the highest standard of research targeted to their needs.

Bringing options to market

CIMMYT supports national research systems and works through hundreds of small- to medium-scale seed enterprises to offer affordable, improved seed to smallholder farmers.

IN SUB-SAHARAN AFRICA
CIMMYT + IITA + partners



DEVELOPED/RELEASED **200** DROUGHT TOLERANT VARIETIES

Goal by 2019: **68,000** TONS OF CERTIFIED SEED benefitting more than **30 MILLION PEOPLE**

Applying knowledge in the field

Together, CIMMYT's activities promote the **sustainable intensification** of farming systems, taking into account livelihoods, ecologies, markets and gender inequalities.

Sustainable intensification PRACTICES can **IMPROVE smallholder productivity** in eastern and southern Africa by **30%**

- **Better farming practices** to produce more food with fewer resources and increase resilience to climate change
- **Adapted machinery** to help smallholder farmers, especially women, reduce labor costs
- **Information and communication technologies** to complement extension work for knowledge delivery
- **Post harvest techniques** for safer food and better earnings

Improved livelihoods and access to food

In a time of volatile food prices, more resilient and inclusive systems are needed to meet the needs of poor consumers and global development goals.

Given access to tools, knowledge and resources, smallholder farmers can help produce a food-secure future for **9 billion people by 2050**.

This is why CIMMYT works to create value for the 900 million maize consumers and 2.5 billion wheat consumers currently living on less than \$2 each day.

CIMMYT GENERATES **BENEFITS** of **\$3.5-4.0 BILLION** annually

ALMOST **75,000** farmers, scientists and technical workers took part in **2,700** training and capacity development activities in more than **18 COUNTRIES**

Building capacities for lasting change

CIMMYT was founded on the principle of building the capacity of national research systems and farmers to generate and adopt agricultural innovations.

At least 10,000 researchers and professionals are alumni of CIMMYT's training courses, while thousands of farmers attend field days in Africa, Asia and Latin America each year.

CIMMYT is a member of the CGIAR System and leads the CGIAR Research Programs on Maize and Wheat and the Excellence in Breeding Platform.

